

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 1007.P056PCT	FOR FURTHER ACTION	see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.
International application No. PCT/SG03/00204	International filing date (day/month/year) 29 August 2003	(Earliest) Priority Date (day/month/year) 29 October 2002
<p>Applicant ADVANCED SYSTEMS AUTOMATION LIMITED et al</p>		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:

contained in the international application in written form.

filed together with the international application in computer readable form.

furnished subsequently to this Authority in written form.

furnished subsequently to this Authority in computer readable form.

the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. Certain claims were found unsearchable (See Box I).

3. Unity of invention is lacking (See Box II).

4. With regard to the title, the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the abstract, the text is approved as submitted by the applicant

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No. 2A

as suggested by the applicant.

None of the figures

because the applicant failed to suggest a figure

because this figure better characterizes the invention

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SG03/00204

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: H01L 21/50, 21/304

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
DWPI, JAPIO; (singulat+, dic+ etc), (wafer, substrate), (package, encapsulat+), (water jet, fluid jet etc), (load+ and unload+, inline etc), (transport+, handl+, convey+ etc)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/0073575 A1 (NA) 20 June 2002 See the abstract	1-30 3-6,20-23,27-29
X	US 6250990 B1 (YOSHII et al) 26 June 2001 See the abstract	1-30 3-6,20-23,27-29
X	EP 1028455 A2 (DISCO CORPORATION) 16 August 2000 See the abstract, col 2 line 3-29	1-30 3-6,20-23,27-29

 Further documents are listed in the continuation of Box C See patent family annex

* Special categories of cited documents:

"A"	document defining the general state of the art which is not considered to be of particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E"	earlier application or patent but published on or after the international filing date	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family
"P"	document published prior to the international filing date but later than the priority date claimed		

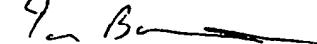
Date of the actual completion of the international search
7 November 2003

Date of mailing of the international search report

17 NOV 2003

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/SG03/00204

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 02/35585 A1 (LIGHTWAVE MICROSYSTEMS, INC) 2 May 2002 See the abstract	3-6,20-23,27-29
Y	Derwent Abstract Accession No 2001-270766/28, Class P61;U11, JP 2001-060566 A (NEC CORP) 6 March 2001 See the abstract	3-6,20-23,27-29
Y	Derwent Abstract Accession No 97-378603/35, Class U11, JP 09-162270 A (SONY CORP) 20 June 1997 See the abstract	3-6,20-23,27-29

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/SG03/00204

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
US	2002073575	CN	1360345	GB	2370411	IT	TO20010347
		JP	2002214288	KR	2002049954	KR	2002049956
		US	6446354				
US	6250990	JP	2000150427	JP	2001024003	KR	2000035193
		SG	82030				
EP	1028455	JP	2000232080	KR	2000057913	KR	2000057914
		SG	86373	US	2001040197		
WO	0235585	AU	76882/01				
JP	2001060566						
JP	9162270						
END OF ANNEX							